

CLAIMS

What is claimed is:

1. An apparatus for remediation of non-aqueous phase liquid material in a well containing water and a layer of non-aqueous phase liquid, the apparatus comprising:
 - a casing that covers the well, the casing having a first wall and an opposite second wall;
 - at least two pairs of brackets attached to inside of the casing, each pair of brackets including a first bracket affixed to the first wall and a second bracket affixed to the second wall;
 - at least two squeegee rollers, each squeegee roller having an axel, each axel being supported by a pair of brackets such that the axel is not exposed to outside of the casing;
 - a continuous loop absorption device engaged by the plurality of squeegee rollers that is capable of transferring the non-aqueous phase liquid out of the well; and
 - a motor capable of causing the continuous loop absorption device to rotate,the at least two squeegee rollers being placed adjacent each other such that, when the continuous loop absorption device passes through them, the non-aqueous phase liquid is removed from the continuous loop absorption device.
2. The apparatus of claim 1, wherein the casing further comprises a collection compartment for collecting the non-aqueous phase liquid removed from the continuous loop absorption device.
3. The apparatus of claim 1, wherein the continuous loop absorption device is a continuous loop mop.
4. An apparatus for remediation of non-aqueous phase liquid material in a well containing water and a layer of non-aqueous phase liquid, the apparatus comprising:
 - a casing that covers the well;
 - a housing unit attached to the casing, the housing unit having a first wall and an opposite second wall;
 - at least two pairs of brackets attached to inside of the housing unit, each pair including a first bracket affixed to the first wall and a second bracket affixed to the second wall;

at least two squeegee rollers, each squeegee roller having an axel, each axel being supported by a pair of brackets such that the axel is not exposed to outside of the housing unit;
a continuous loop absorption device engaged by the plurality of squeegee rollers that is capable of transferring the non-aqueous phase liquid out of the well; and
a motor capable of causing the continuous loop absorption device to rotate,
the at least two squeegee rollers being placed adjacent each other such that, when the continuous loop absorption device passes through them, the non-aqueous phase liquid is removed from the continuous loop absorption device.

5. The apparatus of claim 4, wherein the housing unit further comprises a collection compartment for collecting the non-aqueous phase liquid removed from the continuous loop absorption device.

6. The apparatus of claim 4, wherein the continuous loop absorption device is a continuous loop mop.

7. A method for remediation of non-aqueous phase liquid material in a well containing water and a layer of non-aqueous phase liquid, comprising the steps of:

affixing at least two pair of brackets inside of a casing that covers the well, the casing having a first wall and an opposite second wall, wherein a first bracket of each pair is affixed onto the first wall and a second bracket of each pair is affixed onto the second wall;

enclosing at least two squeegee rollers into the casing, each squeegee roller including an axel and each axel being supported by a pair of brackets in such way without exposing the axel to outside of the casing.

extracting the non-aqueous phase liquid from the well through a continuous loop absorption device, wherein the continuous loop absorption device being inside of the casing;

passing the continuous loop absorption device between the at least two squeegee rollers;
collecting the non-aqueous phase liquid from the continuous loop absorption device into a collection compartment inside the casing; and

draining the non-aqueous phase liquid from the collection compartment into a holding tank.